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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/071,936

02/07/2002

Terry Robert Ecklund

11400/182

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08/09/2006

BRINKS HOFER GILSON & LIONE
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EXAMINER

BILGRAMI, ASGHAR H

ART UNIT

PAPER NUMBER

2143

DATE MAILED: 08/09/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/071,936

Applicant(s)

ECKLUND ET AL.

Examiner

Asghar Bilgrami

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2,4,6 and 10-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2,4,6 and 10-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 February 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ollikainen (U.S. Pub No. 2003/0074475A1) and Ndili (U.S. Pub No. 2002/0161928 A1).

3. As per claims 1, 6, 11, 15-17 Ollikainen disclosed a wireless communication system comprising: a remote server including a mark-up language file; a proxy server configured to communicate with said remote server, wherein said proxy server is programmed to receive a request transmittable from a wireless communication device, wherein said request is to retrieve said mark-up language file said request being in a first format that is converted into a second format by said proxy server (paragraphs. 26, 46 & 47), said second format being used to retrieve said mark-up language file from said remote server. However Ollikainen did not explicitly disclose wherein said proxy server is configured to divide said mark-up language file into a plurality of viewable segments including a first viewable segment and a second viewable segment, said first viewable segment and said second viewable segment each being sized less

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than a display buffer of said wireless communication device, wherein said proxy server is configured to transmit said first first-viewable segment and a navigational aid in response to said request, said navigation aid being selectable with said wireless communication device to request said second viewable segment and wherein said Proxy server transmits said second viewable segment upon receipt of a selection of said navigation aid by said wireless communication device. In the same field of endeavor Ndili disclosed wherein said proxy server is configured to divide said mark-up language file into a plurality of viewable segments including a first viewable segment and a second viewable segment, said first viewable segment and said second viewable segment each being sized less than a display buffer of said wireless communication device, wherein said proxy server is configured to transmit said first first-viewable segment and a navigational aid in response to said request, said navigation aid being selectable with said wireless communication device to request said second viewable segment and wherein said Proxy server transmits said second viewable segment upon receipt of a selection of said navigation aid by said wireless communication device (page.5, paragraphs 78 through 81 & page6, paragraphs 82 through 84).

It would have been obvious to one in the ordinary skill in the art at the time the invention was made to have incorporated the segmentation of the received mark-up language file as disclosed by Ndili in a wireless communication system in order to make the internet browsing more efficient for the user resulting in smooth reception and reliable availability of mark-up language data.

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4. As per claims 4, 10 & 12 Ollikainen - Ndili disclosed the wireless communication system of claim 1, wherein said proxy server converts said viewable segments into a format compatible with said wireless communication device (Ndili, page.5, paragraphs 78 through 81 & page6, paragraphs 82 through 84).

5. As per claim13 & 18 Ollikainen - Ndili disclosed the computer network of claim 11, wherein said viewable segments are sized in accordance with the size of a display buffer of said wireless communication device (Ndili, page.5, paragraphs 78 through 81 & page6, paragraphs 82 through 84).

6. As per claim 14 Ollikainen - Ndili disclosed the wireless communication system of claim, wherein said navigation aid is selectable by said wireless communication device using a user input device selected from the group consisting of a touch screen, a keyboard and a cursor key (paragraphs49 & 76).

Response to Arguments

Applicant's arguments with respect to claims 01/30/2006 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Asghar Bilgrami whose telephone number is 571-272-3907. The examiner can normally be reached on M-F, 8:00-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



AB

Asghar Bilgrami
Examiner
Art Unit 2143



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